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**FAX RECEIVED****FACSIMILE COVER SHEET**

MAY 23 2003

TECHNOLOGY CENTER 2800

Deliver to: Jose R. Diaz, USPTO Art Group: 2815  
Facsimile No.: (703) 872-9319 Date: May 23, 2003  
From: Raul D. Martinez, Reg. No. 46,904  
Our Docket No.: 42390P5258D Number of pages 8 including this sheet.  
Application No.: 09/651,385 Filing Date: 8/29/2000  
Docket Due Date(s): 5/10/2003 6/10/2003

Enclosed are the following documents:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Amendment: <u>After Final</u>                        | <input type="checkbox"/> Issue Fee Transmittal                                     |
| <input type="checkbox"/> Appeal Brief (in triplicate) ( <u>    </u> pgs)                 | <input type="checkbox"/> Notice of Appeal  |
| <input type="checkbox"/> Application: <u>                                    </u>        | <input type="checkbox"/> Petition for: <u>                                    </u> |
| ( <u>    </u> pgs) w/cover & abstract)   | <input type="checkbox"/> Request for Continued Examination (RCE)                   |
| <input type="checkbox"/> Assignment & Cover Sheet ( <u>    </u> pgs)                     | <input type="checkbox"/> Reply Brief ( <u>    </u> pgs)                            |
| <input checked="" type="checkbox"/> Certificate of Facsimile <u>                    </u> | <input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i)      |
| <input type="checkbox"/> Continued Prosecution Application (CPA)                         | <input type="checkbox"/> Request to Rescind Previous Nonpublication Request        |
| <input type="checkbox"/> Declaration & POA ( <u>    </u> pgs)                            | <input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter  |
| <input type="checkbox"/> Drawings: <u>    </u> sheets, <u>    </u> figures               | <input type="checkbox"/> Response to Written Opinion ( <u>    </u> pgs)            |
| <input type="checkbox"/> Extension of Time: <u>                            </u>          | <input type="checkbox"/> Terminal Disclaimer                                       |
| <input checked="" type="checkbox"/> Fee Transmittal (in duplicate)                       | <input type="checkbox"/> Transmittal of Publication Fee Due                        |
| <input type="checkbox"/> IDS & PTO/SB/08 ( <u>    </u> pgs)                              | <input checked="" type="checkbox"/> Transmittal Letter                             |
| <input type="checkbox"/> Other: <u>  </u>      |  |

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.84)**

I hereby certify that this correspondence is being transmitted by facsimile on the date shown below to the United States Patent and Trademark Office.

Lillian E. Rodriguez 05/23/2003  
Date

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.**TOTAL AMOUNT OF PAYMENT** (\$) 0.00**Complete if Known**

Application Number	09/651,385
Filing Date	August 29, 2000
First Named Inventor	Sanjay Dabral
Examiner Name	Jose R. Diaz
Group/Art Unit	2815
Attorney Docket No.	42390P5258D

**METHOD OF PAYMENT (check one)**

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None

☐ Deposit Account

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor &amp; Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	620	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1006	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					(5)

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
10	20	0	0
1	3	0	0
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple Dependent claim, if not paid	
1204	84	2204	42	Reissue independent claims over original patent	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					(5) 0.00

\*or number previously paid, if greater. For Reissues, see below

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	520	1804	520	Requesting publication of SIFR prior to Examiner action	
1805	1,840	1805	1,840	Requesting publication of SIFR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	830	2253	405	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1404	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	260	2403	140	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revise - unavoidable	
1453	1,300	2453	650	Petition to revise - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(c)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	1809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(5)

**SUBMITTED BY**

Name (Print/Type) Raul D. Martinez

Registration No. (Attorney/Agent)

46,904

Telephone

(310) 207-3800

Signature

Raul D. Martinez

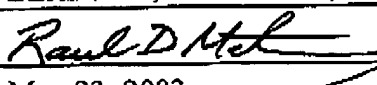
Date

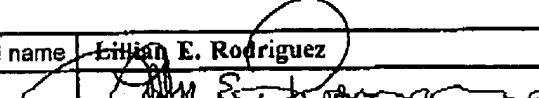
05/23/03

Based on PTO/SB/17 (01-03) as modified by Blakely, Sokoloff, Taylor & Zafman (US) 05/02/2003.  
GPO: 2003-1-1450

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	09/651,385
		Filing Date	August 29, 2000
		First Named Inventor	Sanjay Dabral
		Group Art Unit	2815
		Examiner Name	Jose R. Diaz
Total Number of Pages in This Submission	8	Attorney Docket Number	42390P5258D

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Facsimile Cover Sheet</div>
Remarks		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Raul D. Martinez, Reg. No. 46,904 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	May 23, 2003

CERTIFICATE OF MAILING/TRANSMISSION			
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Signature			

Based on PTO/SB/21 (05-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 05/22/2003.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Our Ref. No.: 42390P5258D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sanjay Dabral and Krishna Seshan

Application No.: 09/651,385

Filed: August 29, 2000

For: DIODE AND TRANSISTOR DESIGN  
FOR HIGH SPEED I/O

Examiner: Jose R. Diaz

Art Unit: 2815

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MAY 23 2003

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RESPONSE TO FINAL OFFICE ACTION

In response to the Final Office Action dated March 10, 2003, Applicants respectfully request reconsideration in light of the remarks that follow.

REMARKS

In this response, Applicants do not amend or cancel any claims. Applicants do not add any new claims. Accordingly, Claims 20-29 are pending.

Claims Rejected Under 35 U.S.C. §102(b)

The Patent Office rejects Claims 20-29 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,477,413 to Watt ("Watt"). Applicants respectfully traverse this rejection.

In order to anticipate a claim, the relied upon reference must disclose every limitation of the claim. Among other limitations, independent Claim 20 recites forming a performance circuit in a first well of a substrate, forming a protection circuit in a second well of a substrate separate from the first well, and coupling the protection circuit to the performance circuit (emphasis added).

Applicants submit that Watt fails to disclose all of these limitations.